



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of ) Date: June 9, 2004  
Mathew D. Wall )  
for )  
A Method And Apparatus For Calculating ) Examining Group: 3661  
Geometry Of A Moving Haven )  
Serial No: 10/724,308 )  
Filed: November 26, 2003 ) Examiner: Unknown

SECOND PRELIMINARY AMENDMENT

The Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Please amend the PRELIMINARY AMENDMENT to the above identified application as follows:

In the Drawings:

Figure 2A extend the lead line from inserted reference numeral "48" to the vertex of the boundary vertex as shown in red on the accompanying copy Figure 2A.

Figure 8C delete the arrowed line between RECTANGLE GENERATOR 92 and ARC GENERATOR 94 and add an arrowed line from POLYGONAL LINE GENERATOR 90 to ARC GENERATOR 94, as shown in red on the accompanying copy of Figure 8C.

In the Specification (all pages and lines refer to the Preliminary amendment):

page 4 line 4 prior to "polygonal line" insert --voyage plan--; delete "The rectangle line" and insert therefore --Line--

page 4 line 5 delete "are utilized in" and insert therefore --intersecting at waypoints requiring arcs are coupled to--

page 4 line 6 delete "about a waypoint of the voyage plan" and insert therefore  
--between the intersecting line segments to complete the boundary--

page 5 line 4 delete "27" and insert --28--therefore

page 5 lines 13 and 14 delete "rectangles or between a vertex and the  
beginning of a boundary arc" and insert therefore --polygonal line--

In the Claims:

claim 7 line 2 delete "an outer" and insert therefore --a--

claim 8 line 5 delete "rectangles"

line 6 insert --vertices of-- after "between"

lines 6 and 7 delete "of said buffer rectangles on either side of said  
waypoints"

claim 12 line 12 after "line segments" insert --meeting said selection criteria--

claim 16 line 2 delete "an outer" and insert therefore --a--

claim 17 line 5 delete "corners and arcs" and insert therefore --vertices--

line 6 delete "said" and insert therefore --vertices at--

lines 6 and 7 delete " on either side of waypoints of said voyage plan"